

Gear Headed Engine Lathe

This gear-headed engine lathe is designed for precision metal cutting and turning operations. It features a sturdy cast iron bed and headstock to minimize vibration, and a geared headstock providing a wide range of spindle speeds.



Overview

Precision Gear Headed Engine Lathe

This gear-headed engine lathe is a robust and versatile machine tool designed for precision metal cutting and turning operations. It features a sturdy cast iron bed and headstock, ensuring stability and minimizing vibration during machining. The lathe is equipped with a geared headstock, providing a wide range of spindle speeds for various materials and cutting conditions, making it suitable for a variety of turning, facing, threading, and boring applications.

Key Metrics

Performance Highlights

1400 rpm

Max Spindle Speed

1.1 kW

Motor Power (3PH)

38 mm

Spindle Bore

Machining Capacity

Swing Dimensions

- Max swing over bed: 310mm
- Max swing over cross slide: 180mm
- Max swing in gap: 450mm

Spindle Specifications

- Spindle bore: 38mm
- Taper of spindle bore: M.T.#5
- Range of spindle speed: 65-1400rpm (65-1810rpm optional)

Threading and Feeds

Feed Ranges

- Longitudinal feeds: 0.0527-1.2912 mm/rev
- Cross feeds: 0.011-0.276 mm/rev

Threading Capabilities

Metric threads: 0.4-7mm, Inch threads: 4-60 TPI

Logistics

Packaging and Weight

Model	Dimensions (mm)	Net Weight (kg)	Gross Weight (kg)
CQ6230A×750	1480×750×1420	510	609
CQ6230A×910	1680×750×1420	510	609